



Emergency Response Kit



Are you a:
Contractor?
Technician?
First Responder?
We've made a kit
just for you...





Precision Rated Optics

Work with a **PRO!**

Sold, Serviced and
Supported in the USA!



Everything you need - in a backpack!

Hurricanes, tornados, earthquakes or any other disaster can instantly disable fiber communication. Fiber optic repair crews often need to get into areas inaccessible by vehicle, and need a wide assortment of equipment and supplies to get the job done. That's where PRO's Emergency Response Kit (ERK) becomes more than just convenient - it becomes essential.

Everything a technician needs to inspect, diagnose, repair and test fiber optic networks is contained in the ERK water-resistant backpack, including a hard-shell enclosure for up to a 17" laptop!

With six kits to choose from, there's a kit to suit every task and every budget. For less than the price of a single splicer from a competing manufacturer, you can have everything you'll need to get the job done - in a backpack!

The Challenge: If you can find a competing manufacturer's equipment and supplies, with the same or better specs, at a lower price, we'll meet or beat the price.

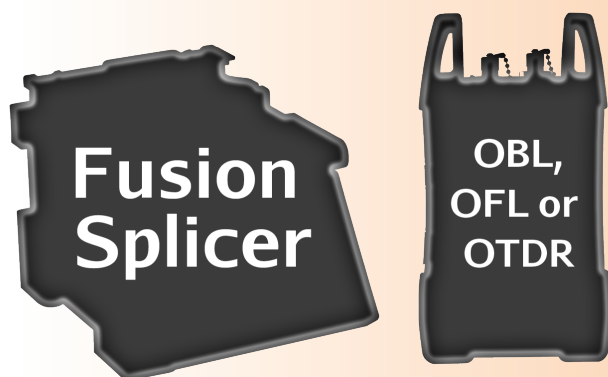


Building the Perfect ERK is as Easy as 1, 2, 3...



It begins with the backpack...

This is no ordinary backpack. All PRO Emergency Response Kits are housed in backpacks designed and manufactured by the world-renowned Pelican Case company. Water resistant, light weight and practically bullet-proof, they feature a lifetime guarantee, and can safely store and transport all of your test equipment, hand tools and cleaning supplies. There's even a special hard-shelled compartment to accommodate up to a 17" laptop!!



Industry-Specific Equipment

1

Each ERK has been configured with a rugged ultra-reliable Fusion Splicer, along with an OBL, OFL or OTDR to best suit every application and budget. As always, if you don't see what you need, give us a call and let the experts at PRO design a kit that best fits **your** exact needs.



Test Equipment

2

Whether it's installation, maintenance or a complicated emergency restoration - every technicians needs certain equipment. We've bundled our most popular, reliable test equipment and include it in every ERK. Inside your pack, you'll find a ruggedized Power Meter, Light Source, Fiber Identifier, Visual Fault Locator and Video Inspection Probe for fast, reliable fiber restoration.



Cleaning Supplies & Tools

3

Certain cleaning supplies and hand tools are needed on **any** fiber job. We've chosen the most commonly-used items and included them in every kit - at no extra charge! If there is a specific tool or supply that you require, but that is not shown, just let us know and we can often make substitutions, based on your specific needs.

PRO[®] ERK-1

Both economical and fully-featured, the ERK-1 includes all of the standard fiber testing equipment, plus the PRO-790 Fusion Splicer and the PRO OBL-201A. A true workhorse, the PRO 790 has an 8-second splice time, 35-second heating time and a Lithium-Ion battery. With enough battery capacity to complete over 120 splicing operations, you can splice all day long!

With the addition of the OBL-201A, you'll be able to locate breaks quickly and easily, saving time and decreasing fiber restoration time.

1



PRO-790 Fusion Splicer

- Ruggedized, for challenging working conditions
- Color, 3.5" display for ease of use.
- IPAS technology, for quick, accurate splices
- 8-second splice time for fast splicing
- Li-Ion battery to splice all day, without an external power source



OBL-201A Optical Break Locator

- Short "Dead Zone" - less than 3 meters
- Backlit for easy operation in low light
- Data transfer via USB interface for easy data management
- Interchangeable connectors (SC/ST/FC) for any situation
- Built-in VFL port for added flexibility

2

Featured Test Equipment

PRO-790	<i>IPAS-Enabled Fusion Splicer</i>	pg. 11
OBL-201A	<i>Optical Break Locator</i>	pg. 15
LS-102D	<i>LS-102D Light Source (1310/1550)</i>	pg. 20
PM-102B	<i>PM-102B Power Meter (+23 to -43)</i>	pg. 19

OFI-30	<i>LS-102D Light Source (1310/1550)</i>	pg. 21
VFL-5	<i>Visual Fault Locator 1mw</i>	pg. 22
VIP-35-K2	<i>3.5 Inch Video inspection kit 2</i>	pg. 18
PS-S-1KM-CUCU-1	<i>Launch Box SM9 1KM SC/UPC-SC/UPC</i>	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	<i>SqueakyKleen Telcom Cleaner Satur. Wipes</i>
CS-125	<i>PRO Cleaning Stick - 1.25mm (LC)</i>
CS-250	<i>PRO Cleaning Stick - 2.5mm (SC)</i>
PC-S-ACUCU01F	<i>SC/UPC - Simplex (9um) - 1 meter</i>
PC-S-ACACU01F	<i>SC/APC-SC/UPC PC Simplex SM9 3mm 1M</i>
PC-S-AFUCU01F	<i>FC-SC Simplex SM UPC Patchcord 1 Meter</i>
CA-S-SC-S5SPZ	<i>SC/UPC - SC/UPC Adaptor</i>
CA-S-SC-A5SPZ	<i>Mating Sleeve SCAPC SM, Flanged Simplex</i>
PRO-SS-60	<i>Splice Sleeve: 60mm Clear</i>
JIC-186	<i>Kevlar Shears</i>
80785	<i>Mid Span Access Tool</i>
PRO-CT-001	<i>Cassette Cleaner</i>
PRO-CW175	<i>Fiber Optic Clean Wipes</i>

PRO-FSC-200	<i>Fiber Scrap Container</i>
PRO-FCL2	<i>Spray Connector Cleaner</i>
PRO-0008	<i>Electrical Tape</i>
CST-1900	<i>Round Cable Stripper</i>
SMART-STRIP	<i>Buffer Tube Stripper</i>
UTKNF	<i>Utility Knife</i>
SRIP	<i>Seam Ripper</i>
KN-7	<i>Ergonomic Cable Splicing Knife</i>
PRO-AASA	<i>Stainless Steel Tweezers</i>
JIC-375	<i>Tri Hole Strippers</i>
SHARPIE-BK	<i>Sharpie Marker Black</i>
PRO-ERBK	<i>Laptop Back Pack w/ hard shell</i>
PRO-METL Bag	<i>Tool Bag</i>

4

888-545-1254

PRO[®] ERK-2

Low in cost but high in performance, the ERK-2 features all of the standard equipment and supplies, plus the OLF-301B Optical Fault Locator. For situations where breaks need to be quickly pinpointed, but an OTDR is unnecessary, the ERK-2 is economical and built to get the job done - simply and efficiently!

1



PRO-790 Fusion Splicer

- Ruggedized, for challenging working conditions
- Color, 3.5" display for ease of use.
- IPAS technology, for quick, accurate splices
- 8-second splice time for fast splicing
- Li-Ion battery to splice all day, without an external power source



OFL-301B Optical Fault Locator

- Quick, one-button fault detection and diagnosis
- High-definition GUI (Graphical User Interface)
- "Hot Keys" and one-button testing
- Water, dust and shock-proof
- Sold, serviced and supported in the USA

2

Featured Test Equipment

PRO-790	<i>IPAS-Enabled Fusion Splicer</i>	pg. 11
OFL-301B	<i>Optical Fault Locator</i>	pg. 16
LS-102D	<i>LS-102D Light Source (1310/1550)</i>	pg. 20
PM-102B	<i>PM-102B Power Meter (+23 to -43)</i>	pg. 19

OFL-30	<i>LS-102D Light Source (1310/1550)</i>	pg. 21
VFL-5	<i>Visual Fault Locator 1mw</i>	pg. 22
VIP-35-K2	<i>3.5 Inch Video inspection kit 2</i>	pg. 18
PS-S-1KM-CUCU-1	<i>Launch Box SM9 1KM SC/UPC-SC/UPC</i>	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	<i>SqueakyKleen Telcom Cleaner Satur. Wipes</i>
CS-125	<i>PRO Cleaning Stick - 1.25mm (LC)</i>
CS-250	<i>PRO Cleaning Stick - 2.5mm (SC)</i>
PC-S-ACUCU01F	<i>SC/UPC - Simplex (9um) - 1 meter</i>
PC-S-ACACU01F	<i>SC/APC-SC/UPC PC Simplex SM9 3mm 1M</i>
PC-S-AFUCU01F	<i>FC-SC Simplex SM UPC Patchcord 1 Meter</i>
CA-S-SC-S5SPZ	<i>SC/UPC - SC/UPC Adaptor</i>
CA-S-SC-A5SPZ	<i>Mating Sleeve SCAPC SM, Flanged Simplex</i>
PRO-SS-60	<i>Splice Sleeve: 60mm Clear</i>
JIC-186	<i>Kevlar Shears</i>
80785	<i>Mid Span Access Tool</i>
PRO-CT-001	<i>Cassette Cleaner</i>
PRO-CW175	<i>Fiber Optic Clean Wipes</i>

PRO-FSC-200	<i>Fiber Scrap Container</i>
PRO-FCL2	<i>Spray Connector Cleaner</i>
PRO-0008	<i>Electrical Tape</i>
CST-1900	<i>Round Cable Stripper</i>
SMART-STRIP	<i>Buffer Tube Stripper</i>
UTKNF	<i>Utility Knife</i>
SRIP	<i>Seam Ripper</i>
KN-7	<i>Ergonomic Cable Splicing Knife</i>
PRO-AASA	<i>Stainless Steel Tweezers</i>
JIC-375	<i>Tri Hole Strippers</i>
SHARPIE-BK	<i>Sharpie Marker Black</i>
PRO-ERBK	<i>Laptop Back Pack w/ hard shell</i>
PRO-METL Bag	<i>Tool Bag</i>

PRO[®] ERK-3

Designed for speed, flexibility and high-volume splicing, the PRO OFS-930 Core-Alignment Fusion Splicer can strip in 1.5 seconds, Splice in 9 seconds and perform over 320 splicing /heating operations on a single charge!

The ERK-3 also includes the PRO OFL-301B Optical Fault Locator, which provides many of the same functions found on much more expensive OTDRs - for a fraction of the price. With features such as Trace View, identification of "Reflective" and "Non-Reflective" events, and the ability to quickly locate End Terminations, the ERK-3 is an incredible value for the dollar.

1



OFS-930 - Optical Fusion Splicer

- Core-alignment with IPAS technology
- Water, dust and shock resistant
- Dual sleeve heater
- Touch-screen with 4.3" color LCD monitor



OFL-301B Optical Fault Locator

- Quick, one-button fault detection and diagnosis
- High-definition GUI (Graphical User Interface)
- "Hot Keys" and one-button testing
- Water, dust and shock-proof
- Sold, serviced and supported in the USA

2

Featured Test Equipment

OFS-930	Core Alignment, IPAS , Optical Fusion Splicer	pg. 12
OFL-301B	Optical Fault Locator	pg. 16
LS-102D	LS-102D Light Source (1310/1550)	pg. 20
PM-102B	PM-102B Power Meter (+23 to -43)	pg. 19

OFI-30	LS-102D Light Source (1310/1550)	pg. 21
VFL-5	Visual Fault Locator 1mw	pg. 22
VIP-35-K2	3.5 Inch Video inspection kit 2	pg. 18
PS-S-1KM-CUCU-1	Launch Box SM9 1KM SC/UPC-SC/UPC	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	SqueakyKleen Telcom Cleaner Satur. Wipes
CS-125	PRO Cleaning Stick - 1.25mm (LC)
CS-250	PRO Cleaning Stick - 2.5mm (SC)
PC-S-ACUCU01F	SC/UPC - Simplex (9um) - 1 meter
PC-S-ACACU01F	SC/APC-SC/UPC PC Simplex SM9 3mm 1M
PC-S-AFUCU01F	FC-SC Simplex SM UPC Patchcord 1 Meter
CA-S-SC-S5SPZ	SC/UPC - SC/UPC Adaptor
CA-S-SC-A5SPZ	Mating Sleeve SCAPC SM, Flanged Simplex
PRO-SS-60	Splice Sleeve: 60mm Clear
JIC-186	Kevlar Shears
80785	Mid Span Access Tool
PRO-CT-001	Cassette Cleaner
PRO-CW175	Fiber Optic Clean Wipes

PRO-FSC-200	Fiber Scrap Container
PRO-FCL2	Spray Connector Cleaner
PRO-0008	Electrical Tape
CST-1900	Round Cable Stripper
SMART-STRIP	Buffer Tube Stripper
UTKNF	Utility Knife
SRIP	Seam Ripper
KN-7	Ergonomic Cable Splicing Knife
PRO-AASA	Stainless Steel Tweezers
JIC-375	Tri Hole Strippers
SHARPIE-BK	Sharpie Marker Black
PRO-ERBK	Laptop Back Pack w/ hard shell
PRO-METL Bag	Tool Bag

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PRO[®] ERK-4

The ERK-4 includes all of the equipment found in the ERK3, but also includes the recently introduced and incredibly compact FTP-1S2C-PSF Fiber Testing Platform. The FTP-1 is hand-held and jam-packed with onboard tools, including a SM/MM Power Meter, Light Source and VFL.

The FTP-1 is ideal for LAN/WAN and FTTx troubleshooting and repair, can store up to 1,000 test results, and has a convenient USB port for the uploading of your trace data into data management software.

1



OFS-930 - Optical Fusion Splicer

- Core-alignment with IPAS technology
- Water, dust and shock resistant
- Dual sleeve heaters
- Touchscreen with 4.3 color LCD monitor



FTP-1S2C-PSF Fiber Testing Platform

- Ideal for LAN/WAN/FTTx troubleshooting and certification
- Optional Stabilized Light Source, SM/MM Power Meter and VFL
- Instant Pass/Fail assessment and ORL test function
- Storage of 1,000 test results
- USB/RS-232 data interface (driver-free)

2

Featured Test Equipment

OFS-930	Core Alignment, IPAS Fusion Splicer	pg. 12
FTP-1S2C-PSF	Hand-Held Fiber Testing Platform	pg. 17
VIP-35-K2	3.5 Inch Video inspection kit 2	pg. 20
PM-102B	PM-102B Power Meter (+23 to -43)	pg. 19

LS-102D	LS-102D Light Source (1310/1550)	pg. 21
OFI-30	OFI-30 Optical Fiber Identifier	pg. 22
VFL-5	Visual Fault Locator 1mw	pg. 18
PS-S-1KM-CUCU-1	Launch Box SM9 1KM SC/UPC-SC/UPC	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	SqueakyKleen Telcom Cleaner Satur. Wipes
CS-125	PRO Cleaning Stick - 1.25mm (LC)
CS-250	PRO Cleaning Stick - 2.5mm (SC)
PC-S-ACUCU01F	SC/UPC - Simplex (9um) - 1 meter
PC-S-ACACU01F	SC/APC-SC/UPC PC Simplex SM9 3mm 1M
PC-S-AFUCU01F	FC-SC Simplex SM UPC Patchcord 1 Meter
CA-S-SC-S5SPZ	SC/UPC - SC/UPC Adaptor
CA-S-SC-A5SPZ	Mating Sleeve SCAPC SM, Flanged Simplex
PRO-SS-60	Splice Sleeve: 60mm Clear
JIC-186	Kevlar Shears
80785	Mid Span Access Tool
PRO-CT-001	Cassette Cleaner
PRO-CW175	Fiber Optic Clean Wipes

PRO-FSC-200	Fiber Scrap Container
PRO-FCL2	Spray Connector Cleaner
PRO-0008	Electrical Tape
CST-1900	Round Cable Stripper
SMART-STRIP	Buffer Tube Stripper
UTKNF	Utility Knife
SRIP	Seam Ripper
KN-7	Ergonomic Cable Splicing Knife
PRO-AASA	Stainless Steel Tweezers
JIC-375	Tri Hole Strippers
SHARPIE-BK	Sharpie Marker Black
PRO-ERBK	Laptop Back Pack w/ hard shell
PRO-METL Bag	Tool Bag

PRO[®] ERK-5

Just like the ERK-4, the ERK-5 features the incredible FTP-1 Hand-Held Fiber Testing Platform (see Pg. 16 for more info).

The ERK-5, however, also features the OFS-950S All-in-One Fusion Splicer. Relatively new to the PRO lineup, the OFS-950S All-in-One Fusion Splicer is a true “Swiss Army Knife” splicer, which includes a stripper, cleaver, cleaner and dual ovens - right onboard! A Li-Ion battery provides enough power to perform over 320 splicing/heating operations, for high-volume splicing situations.

1



OFS-950S All-in-One Fusion Splicer

- Navigational touchscreen with 4.3" Color Monitor
- 250µm / 900um fiber holders
- Thermal stripper
- Long battery life (>320 splicing/heater operations)
- Water, dust and shock resistant
- Compatible with SOC connectors (optional)



FTP-1S2D-PSF - Fiber Testing Platform

- Ideal for LAN/WAN/FTTx troubleshooting and certification
- Built-in Stabilized Light Source, SM/MM Power Meter and VFL
- Instant Pass/Fail assessment and ORL test function
- Storage of 1,000 test results
- USB/RS-232 data interface (driver-free)

2

Featured Test Equipment

OFS-950S	All-in-One Fusion Splicer	pg. 13
FTP-1S2D-PSF	Hand-Held Fiber Testing Platform	pg. 17
LS-102D	LS-102D Light Source (1310/1550)	pg. 20
PM-102B	PM-102B Power Meter (+23 to -43)	pg. 19

OFI-30	OFI-30 Optical Fiber Identifier	pg. 21
VFL-5	Visual Fault Locator 1mw	pg. 22
VIP-35-K2	3.5 Inch Video inspection kit 2	pg. 18
PS-S-1KM-CUCU-1	Launch Box SM9 1KM SC/UPC-SC/UPC	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	SqueakyKleen Telcom Cleaner Satur. Wipes
CS-125	PRO Cleaning Stick - 1.25mm (LC)
CS-250	PRO Cleaning Stick - 2.5mm (SC)
PC-S-ACUCU01F	SC/UPC - Simplex (9um) - 1 meter
PC-S-ACACU01F	SC/APC-SC/UPC PC Simplex SM9 3mm 1M
PC-S-AFUCU01F	FC-SC Simplex SM UPC Patchcord 1 Meter
CA-S-SC-S5SPZ	SC/UPC - SC/UPC Adaptor
CA-S-SC-A5SPZ	Mating Sleeve SCAPC SM, Flanged Simplex
PRO-SS-60	Splice Sleeve: 60mm Clear
JIC-186	Kevlar Shears
80785	Mid Span Access Tool
PRO-CT-001	Cassette Cleaner
PRO-CW175	Fiber Optic Clean Wipes

PRO-FSC-200	Fiber Scrap Container
PRO-FCL2	Spray Connector Cleaner
PRO-0008	Electrical Tape
CST-1900	Round Cable Stripper
SMART-STRIP	Buffer Tube Stripper
UTKNF	Utility Knife
SRIP	Seam Ripper
KN-7	Ergonomic Cable Splicing Knife
PRO-AASA	Stainless Steel Tweezers
JIC-375	Tri Hole Strippers
SHARPIE-BK	Sharpie Marker Black
PRO-ERBK	Laptop Back Pack w/ hard shell
PRO-METL Bag	Tool Bag

PRO[®] ERK-6

Our “top-of-the-line” kit, the ERK-6 is designed for technicians who also need to perform ribbon splicing. The OFS-950R Ribbon Splicer is an “all-in-one” splicer, just like the 950S, but has the added capability to splice ribbon fiber.

Whether it’s LAN, WAN or FTTx, you’ll have everything you need to perform any type of diagnostics, repair or certification. Also including the astoundingly-powerful FTP-1, the ERK-6 can literally handle any type of fiber optic job.

1



OFS-950R - Optical Ribbon Fusion Splicer

- 12-Fiber Ribbon Splicing / “All-in-One” design
- Navigational touchscreen with 4.3” Color Monitor
- Water, dust and shock resistant
- High-Capacity Lithium-Polymer battery



FTP-1S2C-PSF - Fiber Testing Platform

- Ideal for LAN/WAN/FTTx troubleshooting and certification
- Optional Stabilized Light Source, SM/MM Power Meter and VFL
- Instant Pass/Fail assessment and ORL test function
- Storage of 1,000 Test Results
- USB/RS-232 data interface (driver-free)

2

Featured Test Equipment

OFS-950R	Optical Ribbon Fusion Splicer	pg. 14
FTP-1S2C-PSF	Hand-Held Fiber Testing Platform	pg. 17
LS-102D	LS-102D Light Source (1310/1550)	pg. 20
PM-102B	PM-102B Power Meter (+23 to -43)	pg. 22

OFI-30	OFI-30 Optical Fiber Identifier	pg. 21
VFL-5	Visual Fault Locator 1mw	pg. 22
VIP-35-K2	3.5 Inch Video inspection kit 2	pg. 18
PS-S-1KM-CUCU-1	Launch Box SM9 1KM SC/UPC-SC/UPC	pg. 23

3

Cleaning Supplies & Tools

PRO-TC1	SqueakyKleen Telcom Cleaner Satur. Wipes
CS-125	PRO Cleaning Stick - 1.25mm (LC)
CS-250	PRO Cleaning Stick - 2.5mm (SC)
PC-S-ACUCU01F	SC/UPC - Simplex (9um) - 1 meter
PC-S-ACACU01F	SC/APC-SC/UPC PC Simplex SM9 3mm 1M
PC-S-AFUCU01F	FC-SC Simplex SM UPC Patchcord 1 Meter
CA-S-SC-S5SPZ	SC/UPC - SC/UPC Adaptor
CA-S-SC-A5SPZ	Mating Sleeve SCAPC SM, Flanged Simplex
PRO-SS-60	Splice Sleeve: 60mm Clear
JIC-186	Kevlar Shears
80785	Mid Span Access Tool
PRO-CT-001	Cassette Cleaner
PRO-CW175	Fiber Optic Clean Wipes

PRO-FSC-200	Fiber Scrap Container
PRO-FCL2	Spray Connector Cleaner
PRO-0008	Electrical Tape
CST-1900	Round Cable Stripper
SMART-STRIP	Buffer Tube Stripper
UTKNF	Utility Knife
SRIP	Seam Ripper
KN-7	Ergonomic Cable Splicing Knife
PRO-AASA	Stainless Steel Tweezers
JIC-375	Tri Hole Strippers
SHARPIE-BK	Sharpie Marker Black
PRO-ERBK	Laptop Back Pack w/ hard shell
PRO-METL Bag	Tool Bag

PRO[®] ERK1

Emergency Response Kit

Military-grade backpack,
manufactured for
PRO by **PELICAN**

Large top
compartment for
quick access to
testing equipment

Reinforced hard-shell
storage for sensitive
equipment

Side pockets to stow
cleaning supplies
and hand tools



Everything a Technician Needs to Restore Fiber Communications... in a Backpack



*Ample Storage for
Test Equipment*



*Hands-Free
Portability*



*Ruggedized Laptop
Compartment*

PRO-790 *Fusion Splicer*



The PRO-790 Fusion Splicer is a rugged, compact fusion splicer that quickly splices 250 μ m, 900 μ m and 3mm fiber, as well as Splice-On Connectors.

The PRO-790 has an 8-Second splice time, 3.5" LCD monitor and is ruggedized for heavy field use. With an onboard oven capable of accommodating Splice-On Connectors, the PRO-790 is extremely versatile.

Sold, serviced and supported in the USA, the PRO-790 comes with a 1-Year Manufacturer warranty and carrying case.

- Compact and Ruggedized
- Color, 3.5" LCD Monitor
- PAS Technology
- 8-Second Splice Time
- USB Interface for Data Transfer



SPECIFICATIONS

Applicable Fibers	SM, MM, DS, NZ-DS (G655), G655, G657
Fiber Diameter	Cladding Diameter: 80-150 μ m; Coating Diameter: 100~1,000 μ m
Average Splice Loss	0.01db (MM), 0.02db (SM), 0.05db (DS/NZDS/G.655/G.657)
Return Loss	60dB
Tension Test	2.0N (Standard)
Splice Time	8 Seconds
Sleeve Lengths	25mm, 40mm, 50mm
Sleeve Heating Time	35 Sec.
Splicing Programs	Manual or Automatic Settings
Alignment	PAS Technology
Fiber Holder (Bare Fiber)	250 μ m ~ 900 μ m, Pigtails, Patch Cords or Optical Fiber Drop Cables
Monitor	3.5" Color LCD
Interface	USB
Languages	English, Spanish, Chinese
Data Storage	10,000 Splice Results
Electrode Lifespan	5,000 Splicing Operations
Environmental Conditions	Operating Temperature: -18°C ~ 50°C (-0.4°F ~ 122°F), Storage Temperature: -40°C ~ +80°C (-40°F ~ 176°F) 0~95% (Humidity), 0~5000m (Altitude)
Wind Protection	Max. Wind Velocity of 15mph
Power Supply	Internal Li-Ion Battery, AC/DC Adaptor (12v) Battery Capacity: Approximately 120 Splices and Oven Uses
Dimensions & Weight	4.7" (L) x 4.7" (W) x 4.5" (H) / 3.75 lbs 120 (L) x 120 (W) x 115 (H) mm / 1.7 kg
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)

PRO-790 Fusion Splicer Standard Package Includes:

Fusion Splicer, AC/DC Charger/Adaptor, Spare Electrodes, Cooling Tray, Carry Case, Fiber Cleaver, Fiber Strippers, Fiber Holders, Operating Manual



OFS-930

Core-Alignment Fusion Splicer



- IPAS Core-to-Core Alignment
- Water, Dust and Shock Resistant
- Dual Sleeve Heaters
- 4.3" Color LCD Touchscreen Monitor
- ROHS Compliant

OFS-930 Standard Package Includes:

Fusion Splicer, AC Adaptor, Sleeve Loader, Battery Pack, Precision Cleaver, Alcohol Dispenser, Spare Electrodes, Cooling Tray, Fiber Stripper, Manual, Carrying Case

The OFS-930 Core-Alignment Fusion Splicer has quickly become an industry favorite. Featuring an incredibly intuitive interface, IPAS Core-to-Core Alignment technology and the ability to accommodate a wide variety of fiber, the OFS-930 is a true workhorse.

Built to last, the OFS-930 is water, dust and shock resistant. Built-in dual sleeve heaters increase efficiency and the thermal stripper can cleanly strip your fiber in just 1.5 seconds!

The OFS-930 has a battery capacity that can easily achieve over 320x splicing operations, allowing you to work all day long. Sold, serviced and supported in the USA, the OFS-930 comes with a 1-year warranty, a carrying case and is RoHS compliant.

SPECIFICATIONS

Alignment	IPAS Core-to-Core Alignment (Image Pattern Analysis Alignment System)
Applicable Fibers	SMF (ITU-T G.652), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655), EDFA, E1980
Fiber Diameters	Cladding : 80 μ m ~ 150 μ m , Coating : 100 μ m ~ 1,000 μ m (single)
Fiber Cleave Lengths	250 μ m (Coating): 8 ~ 16mm, 900 μ m: 16mm
Typical Splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Return Loss	< -60dB
Splicing Times	Splicing: Typically 9 sec, Tube Heating: Typically 26 sec with S-160 (60mm) Tube
Programs	Splice Mode: 100, Heat Mode: 50
Storage of Splice Results	2,000 Splice Results (100x Images)
Operating Altitude	0 ~ 5000m Above Sea Level
Operating Conditions	-10 $^{\circ}$ C ~ 50 $^{\circ}$ C, Humidity: 95%, Non-Condensing
Storage Conditions	-40 $^{\circ}$ C ~ 80 $^{\circ}$ C, 0 ~ 95% RH
Protection	Wind 15 m/s, Water, Dust and Shock Resistant
Physical Dimensions (HxWxD)	138 x 160 x 135mm (Including Monitor & Rubber Boot)
Weight	2.3Kg (Including Batteries)
Ports	USB, RCA, External Power
Power Supply	DC 14.8V Battery (5600mAh), 100 ~ 240V AC Adaptor
Additional Power (Optional)	DC 12V (Vehicle Accessory Port)
Splicing/Heating Operations w/Batt.	350 Splicing Operations, Lithium-Polymer Batteries
Electrode Lifespan	> 2,000 Splicing Operations
Imaging	Two (2x) CMOS Cameras and 4.3" Color LCD Touchscreen Monitor
Fiber View and Magnification	X/Y 300X, 170X

OFS-950S

All-in-One Core-Alignment Optical Fusion Splicer



- All-in-One Design
- Navigational Touch-Screen with 4.3" Color Monitor
- 250µm/900µm Fiber Holders
- Thermal Stripper
- Long Battery Life (>320 Splice/Heat Operations)
- Water, Dust and Shock Resistant
- Attached Sleeve Loader
- Dual-Sleeve Heater
- Compatible with SOC Connectors (Optional)

OFS-950S Standard Package Includes:

Fusion Splicer with Auto Stripper, Cleaner Unit and Cleaver, AC/DC Adaptor/Charger, Sleeve Loader, Spare Electrodes, Battery Pack, Cooling Tray, User Manual, Carrying Case

Ordering Information

OFS-950S	Fusion Splicer (PAS)
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The Precision Rated Optics OFS-950S All-in-One, Core-Alignment Fusion Splicer has quickly become one of PRO's most popular splicers. The touchscreen OFS-950S accepts Splice-On-Connectors and has an automatic thermal stripper, cleaner dispenser, one-step precision cleaver and dual-oven heater right onboard!

With a splicing time of only 9 seconds, a tube heating time of just over 20 seconds and battery capacity of over 320 splicing operations, the OFS-950S is the "Swiss Army Knife" of splicers and is rapidly becoming the "must-have" tool for fiber technicians.

The OFS-950S also boasts a 4.3" touchscreen color monitor and can splice any single fiber, singlemode or multimode fiber as well as Splice-On-Connectors! Sold, serviced and supported in the USA, the OFS-950S includes a 1-year manufacturer's warranty, spare electrodes and a carrying case.

SPECIFICATIONS

Alignment	IPAS Core-to-Core Alignment (Image Pattern Analysis Alignment System)
Applicable Type of Fibers	SMF (ITU-T G.652), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655), EDFA, E1980, Splicing Available with Various Fiber Types (SM/MM), ITU-T G.657
Applicable Fiber Dimensions	Single: Cladding Diameter 80µm ~ 150µm, Coating Diameter 100µm ~ 1,000µm
Fiber Setting and Cleaved Length	250µm (Coated): 8 ~ 16mm, 900µm: 16mm
Typical Splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Return Loss	> -60dB
Splicing Times	Splicing: Typically 9 sec. Tube Heat: Typically 20 ~ 26 sec with S-160 (60mm) Tube
Splice Results	Last 2,000 Results (Image: 100 Results)
Operating Altitude	0 ~ 5000m Above Sea Level
Ports	USB, RCA, External Power
Power Supply	DC 14.8V Lithium Polymer Batteries (7700mAh), 100 ~ 240V AC Adaptor
Battery Capacity	320 Splicing Operations
Electrode Lifespan	> 2,000 Splicing Operations
Mechanical Proof Tests	2N / 4.4N (OPTIONAL)
Display	Two CMOS Cameras and 4.3" Color LCD Monitor with Touch-Screen
Fiber View and Magnification	X/Y 300X, 170X
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Environmental Conditions	0 ~ 95%RH (Humidity) 0 ~ 5000m (Altitude)
Weight & Dimensions (LxWxH)	5.5" x 8.8" x 4.9" / 6.5 lb (140 x 225 x 125 mm / 2.95 kg)



OFS-950R

All-in-One Ribbon Fusion Splicer



The increasingly popular OFS-950R “All-in-One” Ribbon Fusion Splicer has a 12-fiber ribbon holder, and can strip, clean, cleave, splice and sleeve. It is compatible with Splice-On-Connectors, and the Lithium Polymer battery can achieve 320 splicing operations on a single charge.

A built-in thermal stripper eliminates the possibility of scratching the fiber, and the unit is water, dust and shock resistant. The OFS-950 comes standard with 250 μ m and 900 μ m fiber holders and dual sleeve heaters. The compact design eliminates the need for a large work space, and the large, 4.3” LCD touchscreen makes splicing operations fast and efficient.

Sold, serviced and supported in the USA, the OFS-950R is RoHS compliant and comes with a 1-year manufacturer’s warranty, spare electrodes, ribbon holders and a hard carrying case.

SPECIFICATIONS

Applicable Type of Fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber Count	Single Fiber, 2~12 Fibers
Applicable Fiber Dimensions	Single: Cladding Diameter 125 μ m, Coating Diameter 250 μ m, 900 μ m Ribbon: Cladding Diameter 125 μ m; Ribbon Fiber Thickness 0.27 ~ 0.32mm
Fiber Cleave Length	8mm
Splicing / Heat Modes	Splice Modes: 100, Heat Modes: 50
Typical Splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return Loss	> 60dB
Splicing Time	Typically 20 sec with Standard SM (ITU-T G.652)
Sleeve Heating Time	35 sec
Sleeve Lengths	45mm (Fiber), 28mm or 32mm (Connector)
Storage of Splice Results	1,000 Splice Results / 100 Image Results
Tension Tests	2N / 4,4N (Optional)
Operating Conditions	Altitude: 0~660m Above Sea Level, Temperature: -10° C ~50° C, Humidity: 0~95%, Wind: 15m/s, Non-Condensing, Dust Proof, Shock Proof
Storage Conditions	Temperature: -40 ~80 , Humidity: 0~95%
Dimensions (WxLxH)	5.5 x 8.85 x 4.9 in 140 x 225 x 125 mm
Weight	2.3kg (Including Batteries)
Display	3.5” Color LCD Touchscreen Monitor
Cameras	Dual CMOS
Fiber View and Magnification	X/Y 300X/170X
Ports	USB, External Power
Power Supply	DC 14.8V Lithium Polymer (7,700mAh)
Additional Power (Optional)	DC 12V (Vehicle Accessory Port)
Battery Capacity	320 Splicing/Heating Cycles
Electrode Life	> 1,000 Splicing Operations



- 12-Fiber Ribbon Splicing / “All-in-One” Design
- Navigational Touchscreen with 4.3” Color Monitor
- Water, Dust and Shock Resistant
- High-Capacity Lithium Polymer Battery (320 Splicing Operations)
- Compatible with SOC Connectors (Optional)

OFS-950R Standard Package Includes:

Fusion Splicer, AC Adaptor, Sleeve Loader, Spare Electrodes, 250/900 Micron / 12-Ribbon Fiber Holders, Battery Pack, Cooling Tray, Holder, Tool Box, User Manual, Carrying Case

Also Available: Ribbon Holders for 2, 4 or 8-Fiber Ribbon

OBL-201A *Break Locator*

3-Year
Warranty!



The OBL-201A Break Locator is a 9/125μm Singlemode Break Locator operating at 1550nm (± 20nm) and boasting a 100mW output, capable of testing up to 100Km. Technicians can quickly locate fiber breaks and imperfections and detailed results are displayed on a large LCD screen.

At only 10 oz, this unit is extremely portable and user-friendly. The USB port and included USB cable make it easy to transfer data and perform updates. A built-in VFL port and <3 Meter Dead-Zone make the OBL-201A a true performer.

Sold, serviced and supported in the USA, the OBL-201A comes with a standard 3-year manufacturer's warranty, interchangeable connectors and a rechargeable NiMH battery and charger.

- Short Dead Zone - Less Than 3m
- Backlit for Easy Operation in Low Light
- Data Transfer via USB Interface
- Interchangeable Connectors (SC/ST/FC)
- Built-in VFL Port

SPECIFICATIONS

Fiber Type	9/125μm Singlemode
Wavelength	1550 (± 20nm)
Emitter Type	LD
Connector Type	FC/PC (Interchangeable SC,ST)
Pulse Width	10ns/20ns/40ns/80ns/160ns/320ns/640ns/1280ns/2560ns/5120ns/12400ns/24800ns (Auto-Switch)
Max. Output Power	100 mW
Max. Measurement Range	100 Km
Distance Accuracy	+/- (0.8 m + 0.001% x Distance)
Data Storage	999 Measurements
Event Dead Zone	<3 m
Power Supply	AC/DC Adaptor
Battery Life	Rechargeable NiMH Battery (15,000 Tests)
Operating Temperature	14°F~122°F (-10°C ~ +50°C)
Storage Temperature.	-4°F ~ 140°F (20°C ~ +60°C)
Humidity	0 ~ 85% (Non-Condensing)
Communication Port	Mini USB
Dimensions	7.5" x 4.1" x 2.1" / 286 g 190 x 105 x 55mm / 10 oz)
Warranty	Standard 3-Year Manufacturer Warranty (Extended Warranty Available)

OBL-201A Standard Package Includes:

Rechargeable NiMH Batteries (x4), AC/DC Adaptor/Charger, PC Data Management Software, USB Cable, Test Report, Manual, Soft Carrying Case



OFL-301B

Fault Locator



The OFL-301B is a high-performance, easy-to-use diagnostic tool designed for fiber maintenance, locating faults and general troubleshooting. The OFL-301B utilizes much of the same technology used in an OTDR, such as a graphical representation of the fault location, but at a much lower price point than an OTDR.

Up to 1,000 test results can be stored onboard and later transferred to a PC, via a built-in USB port. The onscreen interface has been engineered for ease of use and utilizes convenient “Hot Keys” for quick, simple testing.

Water, shock and dustproof, the OFL-301B is reliable and built to last. The unit will operate for up to 10 hours on the included NiMH rechargeable battery and includes an AC/DC adaptor. Sold, serviced and supported in the USA, the OFL-301B is a workhorse, well-suited for inside plant, outside plant and FTTx applications.

- Quick, One-Button Fault Detection and Diagnosis
- High-Definition Graphical Interface
- “Hot Keys” and One-Button Testing
- Water, Dust and Shock-Proof
- Sold, Serviced and Supported in the USA

SPECIFICATIONS

Fiber Type / Wavelength	Singlemode, 1550nm (±20nm)
Dynamic Range	26dB
Range of Use	Singlemode Fiber
Emitter Type	LD
Connector	FC/PC (Interchangeable SC, ST)
Distance Accuracy	± (1m + 5 x 10 ⁻⁵ x Distance + Sampling Space)
Data Storage	1,000 Results
Communication Ports	RS-232/USB
Power Supply	NiMH Rechargeable Battery / AC Adapter
Battery Life	>10 Hours / 20 Hours Standby
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Relative Humidity	0~95% (Non-Condensing)
Weight	870g (1.9 lbs)
Dimensions (HxWxD)	7.7" x 3.9" x 2.4" (196 x 100 x 60mm)
Warranty	1-Year Manufacturer's Warranty

OFL-301B Standard Package Includes:

OFL, Rechargeable Battery, AC/DC Adaptor, Trace Manager Software CD, Data Transfer Cable (RS232/USB), Rubber Boot, Warranty Card, CE Certificate, Certificate of Calibration, Quick-Reference Guide, Soft Carrying Case

FTP-1 *FTTx OTDR*



- Ideal for LAN/WAN/FTTx Certification & Troubleshooting
- Optional Stabilized Light Source, SM/MM Power Meter and VFL
- Pass/Fail Assessment and ORL Test Function
- Storage of 1,000 Test Results
- USB/RS-232 Data Interface, Driver-Free

SPECIFICATIONS

	1M2A	1S2A	1S2B	1S2C	1S2D
Wavelength (± 20nm)	850/1300	1310/1550			
Dynamic Range	21/24dB	28/26dB	32/32dB	38/37dB	45/43dB
Event Deadzone (m)	1.8			2.5	
Attenuation Deadzone (m)	8	10		14	
Multimode	Yes	No			

The PRO FTP-1 OTDR boasts massive OTDR testing power in a small package. Designed for FTTx applications, the FTP-1 is ruggedized, and available with an optional Light Source, Power Meter and VFL.

With up to 65,534 sampling points, Pass/Fail assessment and ORL test function, the FTP-1 can precisely locate fiber events, and is perfectly suited for FTTx applications, installation, maintenance, R&D and singlemode network testing. The user can store up to 1,000 test results and download them via USB.

Sold, serviced and supported in the USA, the FTP-1 comes with a standard 1-year manufacturer's warranty, FC/PC, ST and ST adaptors and a soft carrying case.

SPECIFICATIONS

Selectable Range (km) (1)	0.1, 0.3, 0.5, 1.3, 2.5, 5.0, 10 @ 850nm; 0.1, 0.3, 0.5, 1.3, 2.5, 5.0, 10, 20, 40, 80 @ 1300nm; 0.3, 1.3, 2.5, 5.0, 10, 20, 40, 80, 120, 160, 240 @ others
Pulse Width (2)	12ns, 30ns, 100ns, 275ns, 1µs @ 850nm; 12ns, 30ns, 100ns, 275ns, 1µs, 2.5µs @ 1300nm; 5ns, 10ns, 12ns, 30ns, 100ns, 275ns, 300ns, 1µs, 2.5µs, 10µs, 20µs @ others
Averaging Time	15s, 30s, 1min, 2min, 3min
Distance Measure Accuracy	± (1m + 5x10 ⁻⁵ x Distance + Sampling Space)
Attenuation Detect Accuracy	± 0.05 dB / dB
Reflection Detect Accuracy	± 4dB
Data Storage	1,000 records
Connectivity	USB/RS-232
Connector	FC/PC (Interchangeable SC, ST)
Power Supply	NiMH Battery / AC Adaptor
Battery Life	8 hours continuous operation; 20 hours standby (on one charge)
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Relative Humidity	0~95% (Non-Condensing)
Dimensions (HxWxD)	8.7" x 4.3" x 2.7" (220 x 110 x 70mm)

Ordering Information

FTP-1M2A-PSF	MM (850/1300) OTDR: 21/24dB
FTP-1S2A-PSF	SM (1310/1550) OTDR: 28/26db
FTP-1S2B-PSF	SM (1310/1550) OTDR: 34/32dB

FTP-1S2C-PSF	SM (1310/1550) OTDR: 38-37dB
FTP-1S2D-PSF	SM (1310/1550) OTDR: 45/43dB



VIP-35K2

Video Inspection Probe



The VIP-35K2 Video Inspection Probe is designed to provide customers with the ability to troubleshoot network performance issues (most commonly caused by dirty connectors) by inspecting the end-face of a connector for debris. The VIP-35K2 includes a 400x inspection probe and a 3.5" TFT Active Matrix display for detection of even the smallest contaminants.

With the included probe tips, the technician has the ability to check the quality of both the cable and bulkhead connectors. The VIP-35K2 even includes a built-in PAL/NTSC video output, which allows viewing on a full-size external monitor.

Sold serviced and supported in the USA, the VIP-35K2 comes with a standard 1-year manufacturer's warranty and is an easy-to-use tool that saves time and helps assure optimum signal quality.

- 400x Inspection Probe
- 3.5" TFT Active Matrix Monitor
- Built-in Li-Ion Rechargeable Battery
- FC, SC, ST Bulkhead Adaptors, LC Bulkhead Adaptor
- 2.5mm Universal Adaptor, 1.25mm Universal Adaptor

SPECIFICATIONS

Magnification	400X
Display Size	3.5"
Dimensions (HxWxD)	5.51" x 3.03" x 1.53"
Weight	15.7 oz
Display Type	TFT Active Matrix
Video Output	PAL / NTSC
Power	12V DC Built-in Li-ion Rechargeable Battery
Input Power	110-240VAC Adaptor
Power Supply	AC or DC Operation
Battery	3 Hours
Charging	3 Hours
Operating Temperature	+ 4° F ~ 122° F (-10° C ~ +50° C)
Connectors Included	Universal Patchcord Tip
Data Storage	No
Data Download	No
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)

VP-35K2 Standard Package Includes:

VIP-35K2, 400X Inspection Probe and Monitor, AC/DC Charger, FC/SC/ST Bulkhead Adaptor, LC Bulkhead Adaptor, 2.5mm Universal Adaptor, 1.25mm Universal Adaptor, Soft Carrying Case

PM-102B

Power Meter



The PM-102B works in conjunction with a laser source and has a measuring range of -60 ~ +3dB, automatically detecting the light wavelength at 850, 1300, 1310, 1490, 1550 and 1625nm. Ruggedized, lightweight and reliable, the PM-102B packs a lot of power into a reasonably-priced, easy-to-use unit.

A convenient “Low Battery” indicator reminds the user to recharge the battery, while the compact size of the PRO-102B delivers outstanding usability, typically only found on higher-priced units.

Sold, serviced and supported in the USA, the PM-102B comes standard with FC/PC, SC/PC, ST/PC and Universal connectors, as well as a standard 3-year warranty, rechargeable Li-ion battery, AC adaptor and soft carrying case.

- Easy-to-Use, Straight-Forward Operation
- Automatically Detects Light Wavelength
- Backlit LCD
- Ruggedized Design
- Sold, Serviced and Supported in the USA

SPECIFICATIONS

Wavelength (nm)	850/1300/1310/1490/1550/1625
Connectors	FC/PC, Universal 2.5mm
Detector Type	InGaAs
Accuracy	+ 0.35 dB + 10nW
Resolution	0.01dB @ -60 ~ +3dB
Linearity	+ 5%
Measuring Range (dBm)	-60 ~ +3
Operating Temperature	-10° C ~ +50° C
Storage Temperature	-20° C ~ +70° C
Power Supply	Li-ion Battery, 5V AC/DC Adaptor
Warranty	Standard 3-Year Manufacturer Warranty (Extended Warranty Available)

PM-102B Power Meter Standard Package Includes:

Power Meter, User Manual, Worldwide Compatible AC/DC Power Adaptor, Test Report, Adaptors: FC/PC, SC/PC, ST/PC, Built-in 2.5mm Universal Adaptor, Li-ion Battery, Carrying Case

LS-102D

Light Source



The LS-102D Laser Source (1310/1550dB) offers excellent stability and portability for accurate fiber optic testing in conjunction with an optical power meter. Used together, this is called an OLTS (Optical Loss Test Set). The single output port on the LS-102D provides stable laser power at both the 1310 and 1550nm wavelengths.

The LS-102D laser source can operate in either Continuous Wave (CW) mode for testing or in Modulated Mode (Hz), which can be used to verify the signal being transmitted, similar to a tone generator for those familiar with copper wire testing.

A “Low Battery” indicator reminds the user to recharge the battery and the unit’s light weight, smaller size and ergonomic shape have been extremely well-received by technicians at every level.

The LS-102D comes standard with a SC/PC connector, as well as a standard 3-year warranty, rechargeable Li-ion battery, AC adaptor and soft carrying case.

- Easy-to-Use, Straight-Forward Operation
- Automatically Detects Light Wavelength
- Backlit LCD
- Ruggedized Design
- Sold, Serviced and Supported in the USA

SPECIFICATIONS

Output Wavelength (nm)	1310 & 1550
Emitter Type	LD
Connector*	SC/PC
Output Stability	Short-Term (15 minutes): <0.1dB; Long-Term (5 Hours or more): <0.2dB
Central Wavelength	1310 ± 20nm & 1550 ± 20nm
Spectral Width	5 nm
Output Frequency (Hz)	270, 1K, 2K
Output Power	- 5 dBm
Operating Temperature	-10°C ~+50°C
Storage Temperature	-20°C ~+ 70°C
Power Supply	Li-ion Battery, 5V AC/DC Adaptor
Dimension (HxWxD)	115 x 65 x 30mm
Weight	140 g
Warranty	Standard 3-Year Manufacturer Warranty (Extended Warranty Available)

LS-102D Light Source Standard Package Includes:

SC/PC Connector (built-in), User Manual, AC/DC Power Adaptor, Calibration Report, Li-ion Battery, Soft Carrying Case

OFI-30 *Optical Fiber Identifier*



The OFI-30 Optical Fiber Identifier is a rugged, all-metal, easy-to-use installation and maintenance instrument, which can detect low frequency tones at 270Hz, 1kHz and 2kHz. When traffic is present on the fiber under test, an audible tone can be heard. Fiber traffic direction is indicated by sequential LEDs on the probe.

By utilizing local detection technology (non-destructive macrobend detection which does not damage or overstress the fiber) the unit eliminates the need to open the fiber at the splice point for identification, eliminating the probability of interrupting service.

Sold, serviced and supported in the USA, the OFI-30 comes standard with a 1-year manufacturer's warranty and includes 0.25mm, 0.9mm, 2.0mm and 3.0mm to satisfy various optical cables.

- All-Metal Construction.
- Identifies Traffic at 270Hz, 1KHz, 2KHz
- Core-Power Display of the Fibers (-50 ~ +10dBm)
- Very Low-Loss (Fiber Attenuation) when Testing is in Process
- Included Adaptors: 0.25mm, 0.9mm, 2.0mm and 3.0mm

SPECIFICATIONS

Identified Wavelength Range	800 ~ 1700nm
Frequencies Detected	(CW) 270Hz (±5%), 1kHz (±5%), 2kHz (±5%)
Detector Type	InGaAs
Adaptor Type	0.25 (Applicable for "Bare" 250 micron fiber) 0.9 (Applicable for 900 micron fiber) 2.0 (Applicable for 2.0mm Cable) 3.0 (Applicable for 3.0mm Cable)
Signal Direction	Left & Right LED Indicator
Optical Power Reading	-50 ~ +10dBm
Signal Frequency	270Hz, 1kHz, 2kHz
Power Supply	9V Alkaline Battery
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-25°C ~ +70°C
Dimensions	195 x 30 x 27mm
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)

OFI-30 Standard Package Includes:

Optical Fiber Identifier, Adaptors (0.25mm, 0.9mm, 2.0mm and 3.0mm), Batteries, User Manual, Soft Carrying Case



VFL-5 *Visual Fault Locator*



*Includes Carrying Case

The VFL-5 is a compact, powerful Visual Fault Locator with an output power of up to 1mw. The VFL-5 can be used to detect sharp bends and breaks in jacketed or bare fiber. It can also be used to identify connectors in patch panels or to identify fibers during splicing operations.

Sold, serviced and supported in the USA, the VFL-5 is an essential tool that should be included in every fiber technician's toolkit. The VFL-5 comes standard with a 1-year warranty and soft carrying case.

- Compact, Durable Construction
- 1mw Output Power
- Includes Soft Carrying Case

SPECIFICATIONS

Wavelength (nm)	650 (±10)
Emitter Type	FP, LD
Connector Type	FC Universal 2.5 mm
Modulated Frequency (Hz)	2
Output Power	1mW/0 dBm (10mw Optional)
Power Supply	AAA Alkaline Batteries (x2)
Battery Life	> 40 Hours
Operating Temperature	14° F ~ 140° F (-10° C ~ +60° C)
Storage Temperature	14° F ~ 158° F (-10° C ~ +70° C)
Dimension (LxWxH)	3.9" x 1.2" x 0.7" (100 x 30 x 18 mm)
Weight	0.13 lbs (60 g)
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)

Visual Fault Locator (VFL-1A) Standard Package Includes:

Visual Fault Locator, Soft Carrying Case

Pulse Suppressor



Manufactured, Sold, Serviced
and Supported in the USA!



PS-S-1KM-CUCU-1

Used in conjunction with an OTDR, the Fiber Optic Pulse Suppressors (AKA "Launch Boxes") eliminate Dead Zones. Dead Zones occur after a reflective event.

The first reflective event (where the OTDR plugs into the bulkhead) will have a 2-5 meter "Dead Zone", making it impossible to measure loss from 2-5 meters beyond the event.

The use of a pulse suppressor effectively moves the Dead Zone away from crucial connections and splice points, providing your trace with accurate test results in areas where loss must be calculated. Also, having a second pulse suppressor at the end of the cable under test will enable the OTDR to compare back scatter levels before and after the last reflective event.

- Eliminate Dead Zones for Front and Back-End Testing
- Rugged Pelican Case
- Corning Fiber Optic Cable
- Reduce Wear and Tear on OTDR Connectors
- Improves EMD in Multimode Fibers for More Precise Measurements

VIP Accessories and Replacement Parts



VIP-100-PROBE	Optical Probe, 250x - 500x Magnification, AC/DC Supply
VIP-35-DISPLAY	3.5" LCD Monitor
VIP-35-MEM	3.5" LCD Monitor, with Image Capture & Video Record
VIP-A-25	2.5mm UPC Male Adapter, Used for FC/UPC, SC/UPC, ST/UPC, E2000/UPC Jumper Fiber
VIP-A-125	1.25mm UPC Male Adapter, Used for LC/UPC, MU/UPC Jumper Fiber
VIP-AB-25	2.5mm UPC Female Adapter, Used for SC/UPC, FC/UPC, ST/UPC, E2000/UPC Bulkhead
VIP-AB-125	1.25mm UPC Female Adapter, Used for LC/UPC, MU/UPC Bulkhead
VIP-A-25/APC	2.5mm APC Male Adapter, Used for SC/APC, FC/APC, ST/APC, E2000/APC Jumper Fiber
VIP-A-125/APC	1.25mm APC Male Adapter, Used for LC/APC, MU/APC Jumper Fiber
VIP-AB-SC/APC	SC APC Female Adapter, Used For SC/APC Bulkhead
VIP-AB-FC/APC	FC APC Female Adapter, Used For FC/APC Bulkhead
VIP-AB-LC/APC	LC APC Female Adapter, Used For LC/APC Bulkhead
VIP-POWER	A/C Power
VIP-CASE	Carrying Case for Probe, Monitor, Tips, AA/C Power

Do you need any of the following?

The experts at PRO have worked hard to assemble kits that satisfy a wide range of situations and needs. Sometimes, however, your particular jobs may require extra equipment or supplies. If that's the case, please allow us to customize your kit with any of the following products, also available from PRO:

Item / Model No.	Description
PRO-BAG-LARGE	Tool-Bag for Large PRO Tool Kits
PRO-BAG-LOGO	9" x 12" Black Nylon Tool Bag
PRO-1171	ProGrip 5 in 1 Fiber Optic Stripper
US-8039	Fiber Optic Crimp Tool with Die
PRO-9111A	Glass Polish Plate 6" x 9"
PRO-01071D	4" Diamond 1mm Polishing Disc
FOPD-LC	Aluminum Fiber Optic Polishing Disk LC
HM-C400S	400x Fiber Scope
FOPD-25	Universal Fiber Optic Polishing Disk
PP-575	Hand Polish Pad (5.75") 1/16" thick
PRO-0109-5-1-03	Polish Film 3 in 1 (5,3,1um)-25pk
JIC-186	Kevlar Shears
CS-30-DE	Double Ended Carbide Scribe
SHARPIE-BK	Black Sharpie
WO-1067G	Safety Glasses
FS-200S	Fiber-Safe Fiber Trash Can
CP410-1	Optic Prep Tissue - 1pkt
PRO-CW175	Lint-Free Polyester Wipes
501473-31R25	Empty Syringe w/.9mm Needle-25pk
PRO-IA-4OZ	Empty 4oz Bottle for Alcohol
680	Anaerobic Adhesive Hardener
7090	Loctite Formula 7090 Epoxy Hardener

Item / Model No.	Description
RMC-6	Measurement Scale 6" (150mm)
648	Loctite Epoxy
JIC-375	Fiber Optic Stripper Three Hole
PRO-10102-1	1um Aluminum Oxide Polish Film 9' x 6.5"
PRO-10102-5	5um Silicon Carbide Polish Film 9" x 6.5"
SMART-STRIP	Buffer Tube Stripper
PRO-1008	Canned Air - Tech Spray 10oz
PRO-0008	Electrical Tape
FS-C20	Fiber Optic Cleaver
POCO3M	Fiber Optic Splice and Connector Cleaner
FS100	Black Polish/Work Mat (14 x 22)
8892	3m Polish Puck for ST, FC, & SC
ES-1964	Electrician's Scissors
ACS	Armored Cable Slitter
CFS-2	CST-1900: Round Cable Stripper
JIC-63050	High Leverage Cable Cutters
KN-7	Ergonomic Cable Splicing Knife
ND-63012	Hollow Shaft Nutdriver 1/2"
PRO-SS-60	60mm Clear Splice Sleeves
PRO-TC1	SqueakyKleen Telcom Cleaner Satur. Wipes

To order a kit or to order any other supplies, please give us a call and our service representatives will be happy to assist you.

888-545-1254

Precision Rated Optics, Inc.

National Sales Office

2030 Blue Heron Circle
Birmingham, AL 35242

Precision Rated Optics, Inc.

Corporate Office

Billing & Processing

PO BOX 877 Trexlertown, PA 18087

Precision Rated Optics, Inc.

Product Distribution Center

Manufacturing & Testing

9999 Hamilton Blvd
Breinigsville, PA 18031